

App. No. 09/785,942
Amendment dated July 6, 2005
Reply to Office action of May 17, 2005

Listing of claims:

1. (Currently amended) A computer-readable medium on a mobile computing device having computer-executable components for managing a message within a mobile device, comprising:

a main application in communication with at least one messaging component and a table, wherein:

the at least one messaging component ~~is being~~ configured to pass ~~a properties of~~ the message property to the main application using a standard interface,

the message property includes properties including a class identifier associated with the message,

the main application ~~is being further~~ configured to query the table to identify a message form registered to handle messages associated with the class identifier,

the main application ~~is being further~~ configured to instantiate the identified message form and pass the message to the instantiated message form,

the instantiated message form communicates instructions to the main application using the standard interface, and

an operation is performed on the message based on the instructions when the standard interface is called.

2. (Original) The computer-readable medium of claim 1, wherein the at least one messaging component comprises a message transport.

3. (Original) The computer-implemented medium of claim 1, wherein the at least one messaging component comprises a storage component.

4. (Previously presented) The computer-implemented medium of claim 1, further comprising another messaging component that communicates with the at least one messaging component and the main application using the standard interface.

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5. (Currently amended) The computer-implemented medium of claim 1, wherein the class identifier distinguishes the message from other messages having a different message property.

6. (Original) The computer-readable medium of claim 5, wherein the class identifier is one identifier in a plurality of hierarchically structured class identifiers.

7. (Original) The computer-readable medium of claim 1, wherein the table includes a listing of class identifiers that each describe a class of message, each class identifier being associated with a corresponding message form.

8. (Original) The computer-readable medium of claim 7, wherein the table further includes a default message form that is returned when the class identifier is not in the listing of class identifiers.

9. (Original) The computer-readable medium of claim 7, wherein the table comprises a system registration database.

10. (Currently amended) A computer-readable medium on a mobile computing device having computer-executable instructions for performing steps, comprising:

receiving over a standard interface a notice to handle a message, wherein the message is associated with a class identifier that identifies a message property;

retrieving the a class identifier from ~~associated with~~ the message, wherein the class identifier distinguishes ~~distinguishing~~ the message from other messages having a different message property ~~class identifier~~;

accessing a registry to identify a message form registered to handle messages having the class identifier;

instantiating the identified message form; ~~and~~

passing the message to the instantiated message form;

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communicating instructions from the instantiated message form to an application through an application interface; and
performing an operation on the message based on the instructions when the application interface is called.

11. (Original) The computer-readable medium of claim 10, wherein the notice to handle the message comprises an instruction to display the message on the mobile computing device.

12. (Original) The computer-readable medium of claim 10, wherein the class identifier is stored within a property of the message.

13. (Original) The computer-readable medium of claim 10, wherein the registry includes a listing of class identifiers that each describe a class of message, each class identifier being associated with a corresponding message form.

14. (Original) The computer-readable medium of claim 13, wherein the registry further includes a default message form that is returned when the class identifier is not in the listing of class identifiers.

15. (Currently amended) A system for managing communication messages on a mobile device, comprising:

a message form object having a first standardized interface for communicating information with other components in the system, wherein:

the message form object handles communication messages associated with a class identifier, and

the class identifier identifies a property associated with the communication message;

an application having a second standardized interface for communicating information with other components in the system, wherein:

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the application is configured to identify and instantiate the message form object that is registered to handle a communication message received by the system based on the associated class identifier,

the class identifier distinguishes the communication message from other communication messages having a different property; and

a message transport having a third standardized interface for communicating information with other components in the system, wherein:

the message transport is configured to pass the communication message associated with the class identifier to the message form object,

the message form object communicates instructions to the application, and an operation is performed on the communication message based on the instructions

~~wherein the communication message is passed between the components of the system using the standardized interfaces.~~

16. (Previously presented) The system of claim 15, wherein the first standardized interface includes means for instructing the message form object to perform actions.

17. (Original) The system of claim 16, wherein the first standardized interface comprises an IMessageForm interface.

18. (Original) The system of claim 16, wherein the first standardized interface comprises an IFormProvider interface.

19. (Original) The system of claim 15, wherein the second standardized interface includes means for instructing the application to perform actions.

20. (Original) The system of claim 19, wherein the second standardized interface comprises an IMessageFormHost interface.

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21. (Original) The system of claim 19, wherein the second standardized interface comprises an IMailSyncCallBack interface.

22. (Original) The system of claim 15, wherein the third standardized interface includes means for instructing the message transport to perform actions.

23. (Original) The system of claim 22, wherein the third standardized interface comprises a IMailSyncHandler interface.